

FIG. 1

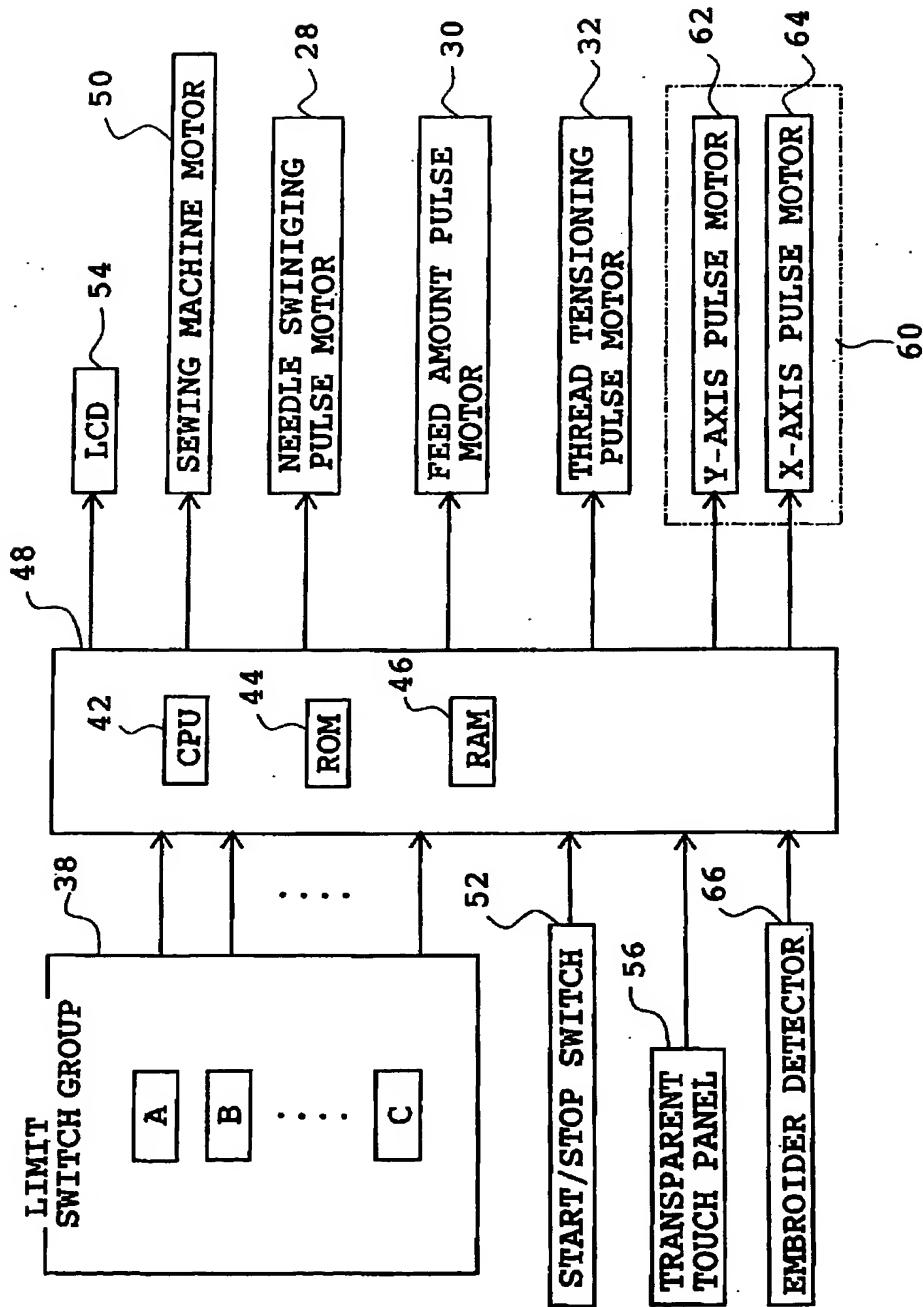


FIG. 2

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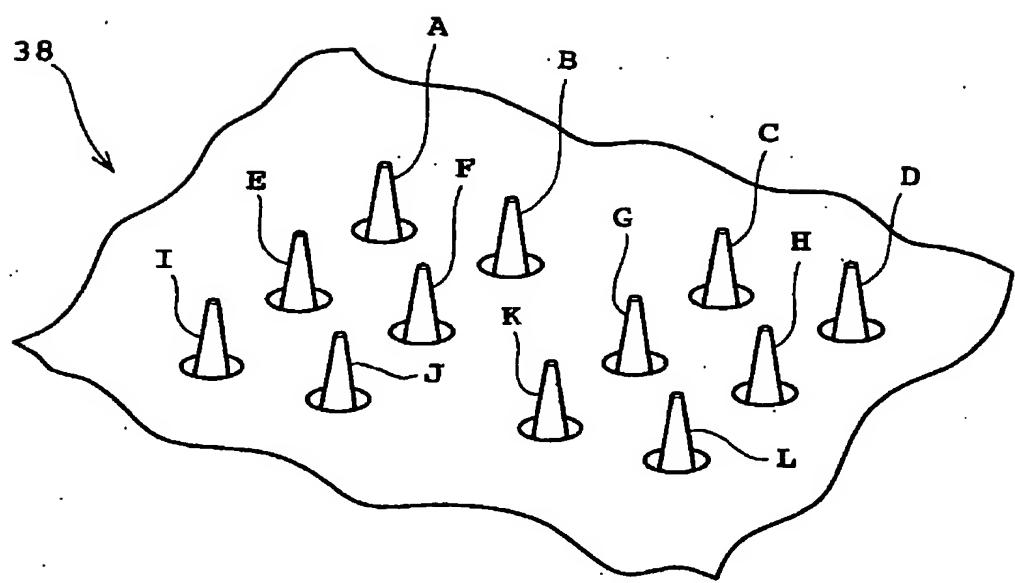


FIG. 3

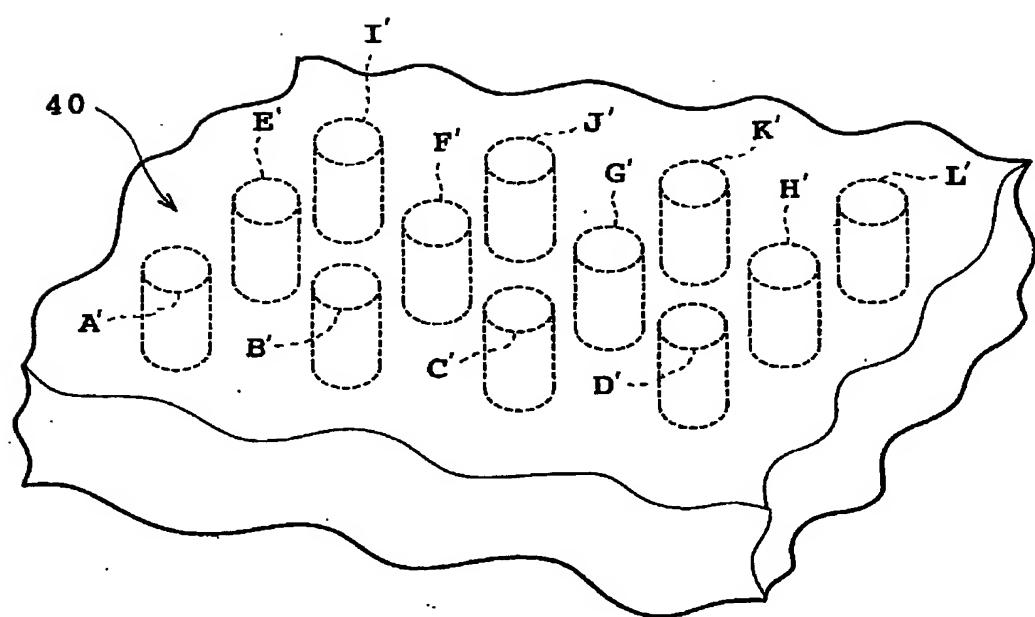
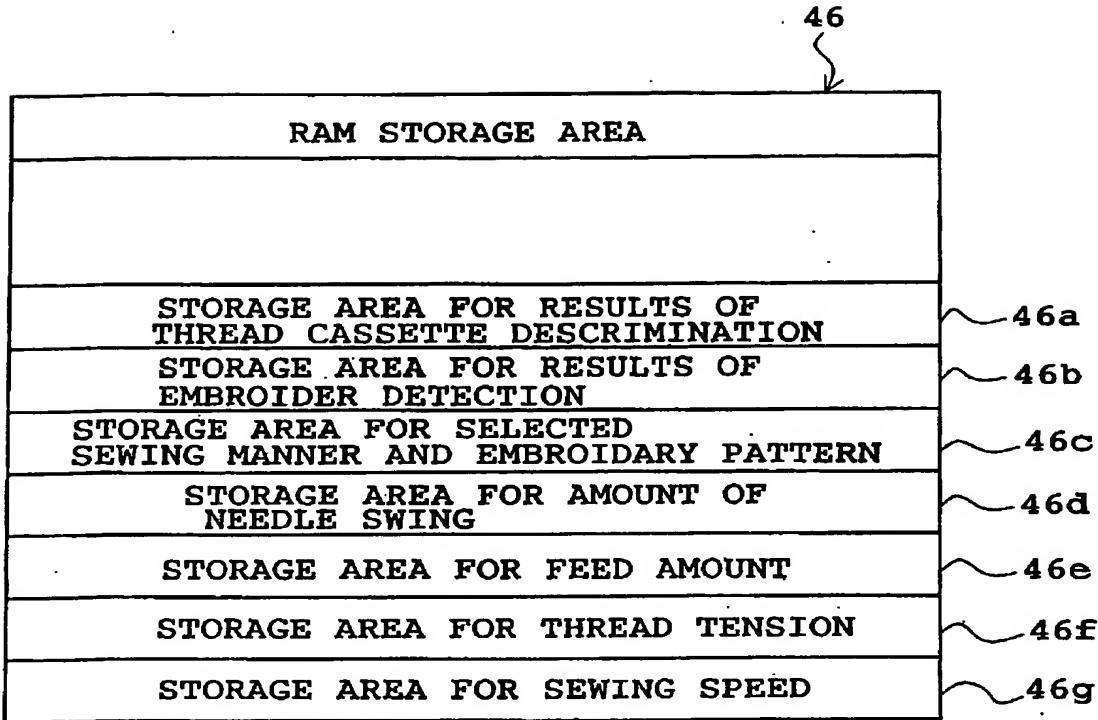
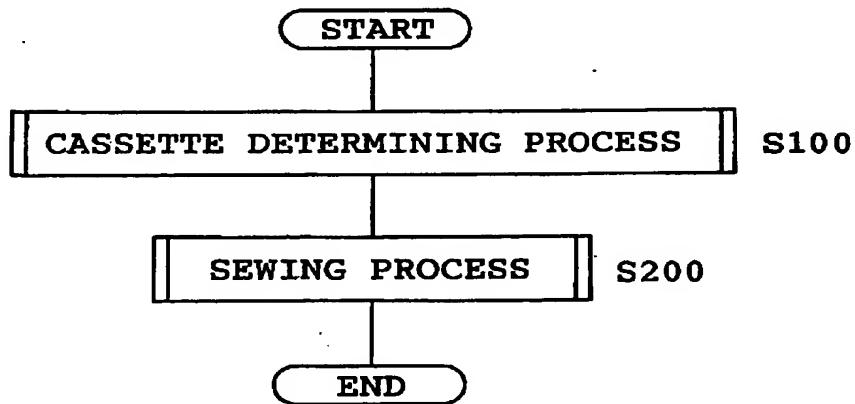
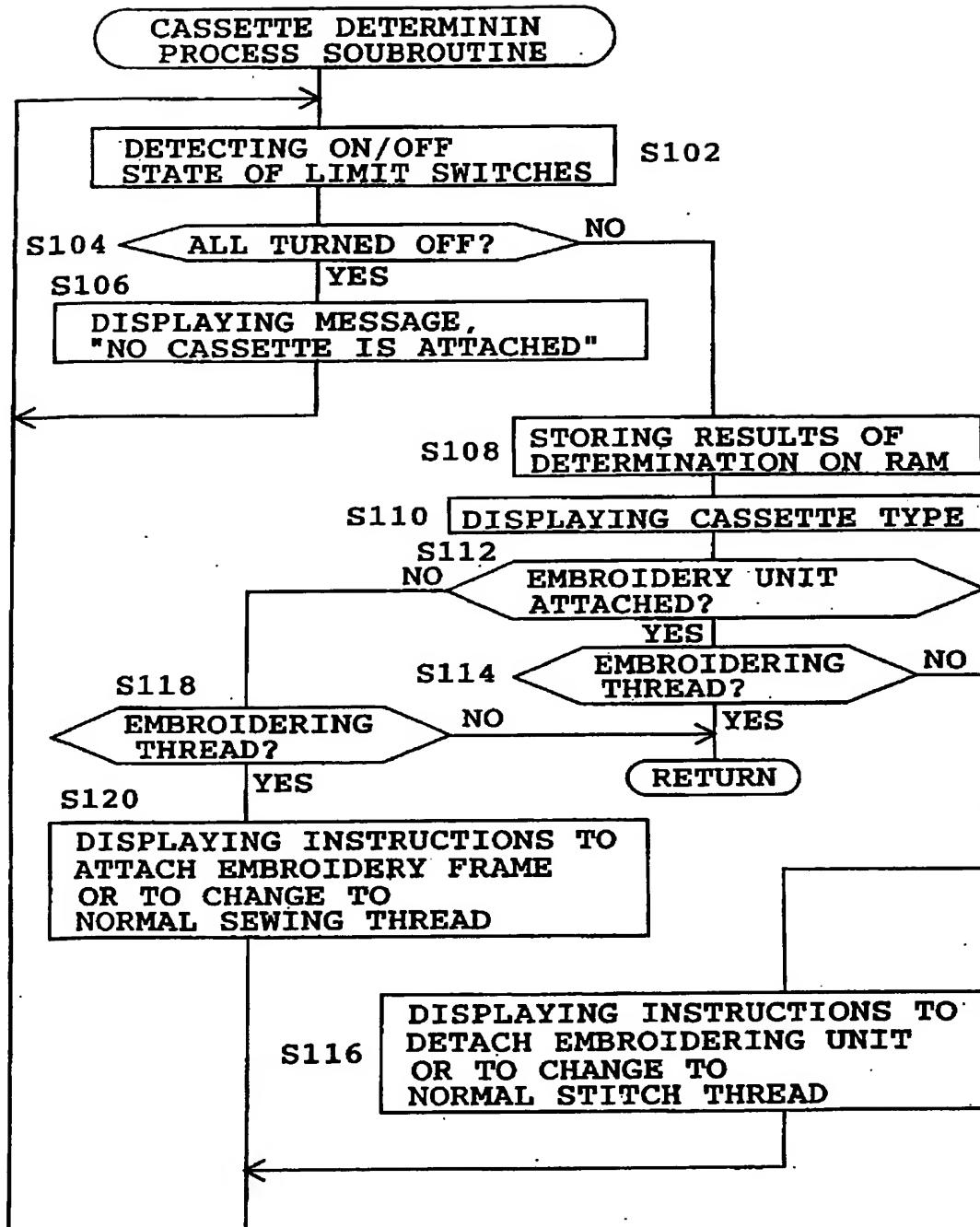
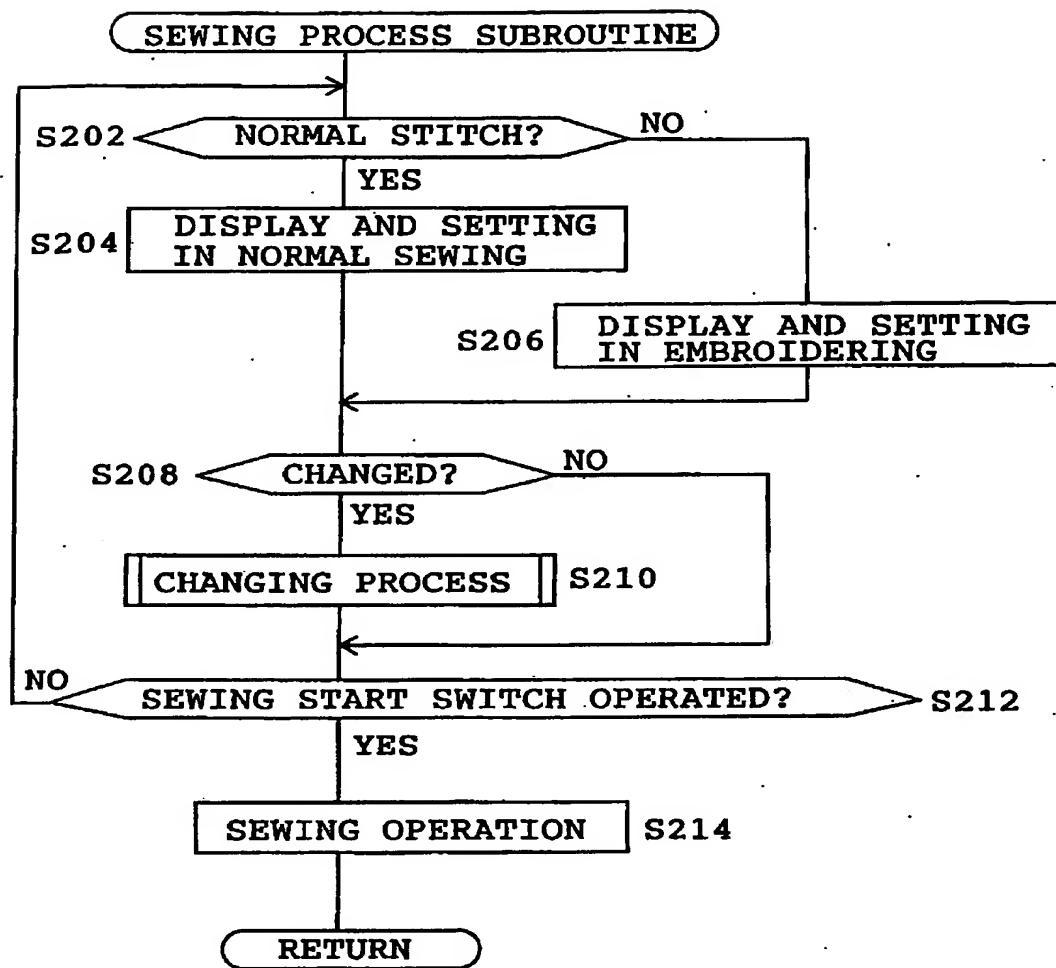
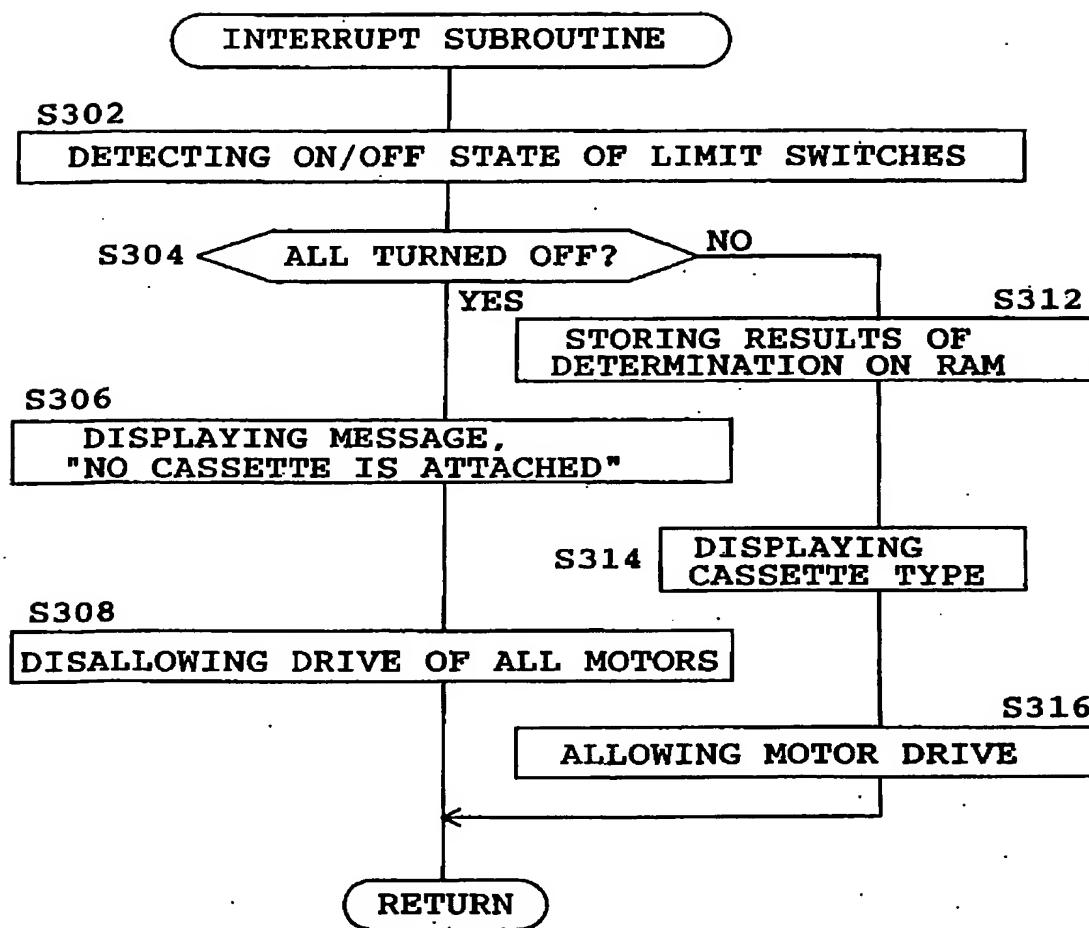


FIG. 4

**FIG. 5****FIG. 6**

**FIG. 7**

**FIG. 8**

**FIG. 9**

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SEWING CONDITION	STATUS
	A
NORMAL	1
EMBROIDERY	0

FIG.10

MATERIAL	STATUS		
	B	C	D
POLYESTER	1	0	0
COTTON	0	0	0
NYLON	1	1	0
SILK	0	1	0
RESILON	1	0	1
WAXING	0	0	1
-	1	1	1
-	0	1	1

FIG.11

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THREAD THICKNESS	STATUS		
	E	F	G
#20	1	0	0
#30	0	0	0
#50	1	1	0
#60	0	1	0
#90	1	0	1
-	0	0	1
-	1	1	1
-	0	1	1

FIG.12

THREAD LENGTH	STATUS
	H
1000M	1
300M	0

FIG.13

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THREAD COLOR	STATUS			
	I	J	K	L
RED	1	1	1	1
PINK	0	1	1	1
ORANGE	1	0	1	1
BROWN	0	0	1	1
YELLOW	1	1	0	1
GREEN	0	1	0	1
BLUE	1	0	0	1
PURPLE	0	0	0	1
BLACK	1	1	1	0
WHITE	0	1	1	0
DARK BLUE	1	0	1	0
SKY BLUE	0	0	1	0
GRAY	1	1	0	0
BEIGE	0	1	0	0
-	1	0	0	0
-	0	0	0	0

FIG. 14

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THREAD COLOR	COLORED THREAD CODE	STATUS									
		B	C	D	E	F	G	H	I	J	K
ORDINARY BLACK	900	0	1	1	0	0	0	0	1	0	0
DARK BLACK	100	0	0	0	1	1	0	0	1	0	0
ORDINARY WHITE	1	0	0	0	0	0	0	0	0	0	1
DARK WHITE	2	0	0	0	0	0	0	0	0	1	0
ORDINARY RED	800	0	1	1	0	1	0	0	0	0	0
DARK RED	149	0	0	0	1	0	0	1	0	1	0
ORDINARY PINK	85	0	0	0	0	1	0	1	0	1	0
DARK PINK	155	0	0	1	0	0	1	1	0	1	1
ORDINARY DEEP PINK	86	0	0	0	1	0	0	1	0	1	0
DARK DEEP PINK	24	0	0	0	0	0	1	1	0	0	0
ORDINARY ROSE	124	0	0	0	1	1	1	1	1	0	0
DARK ROSE	152	0	0	1	0	0	1	1	0	1	0
ORDINARY MAGENTA	107	0	0	0	0	1	1	0	1	0	1
DARK MAGENTA	126	0	0	0	1	1	1	1	1	1	0
ORDINARY VERMILLION	30	0	0	0	0	0	1	1	1	1	0
DARK VERMILLION	148	0	0	1	0	0	1	0	1	0	0
ORDINARY CRIMSON	807	0	0	1	0	0	1	0	1	1	1
DARK CRIMSON	158	0	0	0	1	0	0	1	1	1	0
ORDINARY DEEP PURPLISH RED	869	0	0	1	0	1	1	0	1	0	1
DARK DEEP PURPLISH RED	636	0	0	0	1	1	1	1	1	0	0
ORDINARY PURPLISH RED	620	0	0	0	1	1	0	1	1	0	0
DARK PURPLISH RED	625	0	0	0	1	1	0	0	0	1	1
ORDINARY SALMON PINK	79	0	0	0	1	0	0	1	1	1	1
DARK SALMON PINK	122	0	0	0	1	1	1	0	1	0	0
:	:	:	:	:	:	:	:	:	:	:	:
:	:	:	:	:	:	:	:	:	:	:	

FIG. 15

54 (56)

TYPE OF NEEDLE THREAD		SEWING CONDITION	SET VALUE	RECOMMENDED RANGE
USAGE:	NORMAL	NEEDLE SWING AMOUNT :	< △ 2	(1 ~ 2)
MATERIAL:	COTTON	FEED AMOUNT :	< △ 3	(2 ~ 5)
THICKNESS:	#30	THREAD TENSION :	< △ 2	(1 ~ 4)
LENGTH:	300M	SEWING SPEED :	< △ 300	(200 ~ 300 rpm)
THREAD COLOR:	BLUE			

FIG.16

TYPE OF NEEDLE THREAD		SEWING CONDITION	SET VALUE	RECOMMENDED RANGE
USAGE:	EMBROIDERING	NEEDLE SWING AMOUNT :	0	(0)
MATERIAL:	POLYESTER	FEED AMOUNT :	0	(0)
THICKNESS:	#20	THREAD TENSION :	1 △	(1 ~ 2)
LENGTH:	1000M	SEWING SPEED :	150 △	(100 ~ 150rpm)
THREAD COLOR: RED				

↙ 54(56) ↘

A B C D E F

FIG. 17